

KADLETS, V.; GUREVICH, I.L.

Obtaining aromatic hydrocarbons in a Czechoslovak plant. Trudy  
MINKHiGP no.37:156-164 '62. (MIRA 17:3)

GUREVICH, I.L.; L'VOVA, A.I.; SMIRNOV, V.A.

Products of deasphalting as a catalytic cracking stock. Khim.i  
tekh.topl.i masel 7 no.8:32-35 Ag '62. (MIRA 15:8)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
im. akad. Gubkina.

(Cracking process)

ZHAKOV, L.Yu.; GUREVICH, I.I.

Obtaining high purity aromatic hydrocarbons. Trudy MINKHGP no.44:  
63-70 '63.  
(MIRA 18:5)

ACCESSION NR: AT4008700

S/2982/63/000/044/0072/0077

AUTHOR: Gurevich, I. L.; Matishev, V. A.

TITLE: Triethylene glycol as a solvent for dearomatization and desulfurization of petroleum fractions

SOURCE: Moscow. Institut neftekhimicheskoy i gazevoy promyshlennosti. Trudy\*, no. 44, 1963. Neftekhimiya, pererabotka nefti i gaza, 72-77

TOPIC TAGS: aromatics removal, aromatics, dearomatization, desulfurization, petroleum fraction, petroleum cut, triethylene glycol, oil refining, selective solvent, fuel dearomatization, aromatics extraction, catalytic cracking, gas oil, sour crude, kerosene, solar oil, Udex process

ABSTRACT: In view of the advantages of triethylene glycol over diethylene glycol and other solvents, the authors have carried out preliminary studies to determine whether triethylene glycol could be used in the production of activated charcoal and in the extraction of aromatic sulfurated hydrocarbons from broad petroleum fractions. Gas oil from the catalytic cracking of sulfurous petroleum and the kerosene-solar oil fraction of Arlansk crude were extracted on the MINKh and GP pilot counter-current apparatus shown in Fig. 1 of the Enclosure. The results showed that high-quality diesel oil, with a high density and a high refractive

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ACCESSION NR: AT4008700

index, could be obtained from both sources, and that increasing the extraction temperature from 165/135 to 175/160C significantly decreased the proportion of sulfurated compounds in the refined product. As indicated by the values of the Nelson characterization factor (6.5-8) and the Smith index of correlation (105-108), the triethylene glycol extracts are highly aromatic and can be used as raw material for the production of either activated charcoal (after mild hydrotreating) or naphthalene (after hydrodealkylation). Orig. art. has: 5 tables, 3 figures and 1 formula.

ASSOCIATION: Institut neftekhimicheskoy i gazovoy promyshlennosti (Institute for the petroleum and gas industry, Moscow)

SUBMITTED: 00 DATE ACQ: 16Jan64 ENCL: 01

SUB CODE: FL NO REF Sov: 005 OTHER: 003

Card 2/3

TENENBAUM, A.E.; GUREVICH, I.L.; BREZHNEV, A.I.

Producing courmarone-indene resins and their use in industry.  
Nefteper. i neftekhim. no.8:16-18 '64. (MIRA 17:10)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut  
neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina.

GUREVICH, I.L.

New developments in the refining of paraffin oils. Trudy MINKHIGP  
no.44:167-178 '63.  
(MIRA 18:5)

GURAV R. LILU; MUKKIRI APPARAYYA, P.E.

Producing Illuminating kerosene and jet fuel from Margosa oil.  
Trudy MINKHICP no.44:180-187 '63. (MIRA 18:5)

L 34283-65 ENT(a)/EFF(c)/T Fr-4 DJ/WE

ACCESSION NR: AT5006944

S/2982/64/000/051/0199/0206

AUTHOR: Gurevich, I. I.; Smidovich, Ye. V.; Marinov, V. Ye.; L'vova, A. I.;  
Khavkina, O. D.; Kiselev, B. D.; Mukhametov, A. M.; Melkumova, N. A.; Shcherbakova,  
V. A.

TITLE: An efficient process for the complex refining of Turkmen petroleum

SOURCE: Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti. Trudy, no.  
51, 1964. Neftekhimiya, neftekhimicheskiye protsessy i neftepererabotka (Petroleum  
chemistry, petrochemical processes and oil refining), 1964-206

TOPIC TAGS: petroleum refining, deasphalting, mazout, catalytic cracking, degaraft-  
finization, petrolatum, ceresin

ABSTRACT: The authors studied the deasphalting of mazout and residues from petroleum  
refining above 500°C, and attempted to determine the possibility of broadening the  
raw material base of catalytic cracking.<sup>1</sup> The main feature of the proposed complex  
process is the use of a two-stage catalytic cracking unit at the Krasnodar refinery (in the  
Krasnodar district) for the deasphalting of mazout and residues from petroleum  
refining above 500°C. The first stage of the unit is a catalytic cracking unit with a  
catalytic distillation column; the second stage is a catalytic cracking unit with a  
catalytic distillation column.

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L. 34183-65

ACCESSION NR: AT5006944

and MS-24 whose properties are equal to those of the same type of oils obtained from Azerbaijan petroleums. The adsorption purification and deparaffinization of oil distillates by methylethylketone - toluene mixtures can produce high-grade transformer, industrial, and automobile motor oils. The use of petrolatum as a raw material for the preparation of high-melting ceresins is highly recommended. A complete flow sheet of the proposed process is given. Orig. art. has: 5 tables and 1 flow sheet.

ASSOCIATION: Institut neftekhimicheskoy i gazovoy promyshlennosti, Moscow (Petrochemical and gas industry institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: EP

NO REF SOV: 000

OTHER: 000

Card 2/2

L 34185-65 ENT(m)/EPF(c)/T Pr-4 WE  
ACCESSION NR: AT5006945 S/2982/64/000/051/0207/0213

AUTHOR: Gurevich, I. L.; El'said, A.; Khamarnekh, Yu. I.

TITLE: Hydrocracking of mazout from Balaim petroleum

SOURCE: Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti. Trudy, no. 51, 1964. Neftekhimiya, neftekhimicheskiye protsessy i naftoperekabotka (Petroleum chemistry, petrochemical processes and oil refining), 207-213

TOPIC TAGS: petroleum refining, hydrofining, hydrocracking, mazout, cracking catalyst, cobalt molybdate catalyst, catalytic cracking

ABSTRACT: After a general review of hydrocracking processes, the authors report the results of the hydrocracking of Balaim (UAR) mazout and dearomatization of a broad fraction (up to 300C). The pilot unit used is illustrated. A catalyst containing 14% MoO<sub>3</sub> in aluminum oxide and an industrial catalyst containing cobalt molybdate in aluminum oxide were tested. It was found that as the temperature rises, the degree of desulfurization of the crude and the yield of coke increase, while the density of the hydrogenation product decreases. As the flow velocity increases, the yield and density of the hydrogenation product rise, while the

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L 34115-65

ACCESSION NR: AE5006945

amount of coke decreases. An increase in the consumption of hydrogen from 1020 to 1200 liters/kg had little effect on the quality of the hydrogenation product. When the cobalt molybdate catalyst was used, a greater desulfurizing effect was obtained in fractions boiling up to 500C. Hydrocracking is recommended as one of the best methods of refining the high-sulfur Balaim crude into motor fuel. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Institut neftekhimicheskoy i gazovoy promyshlennosti, Moscow (Petroleum and gas industry institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: IP

NO REF Sov: 012

OTHER: 015

Card 2/2

L 34154-65 ENT(m)/EPF(c)/T Pr-4 DJ  
ACCESSION NR: AF5006946 S/2982/64/000/051/0258/0263

19  
17  
B+1

AUTHOR: Gurevich, I. L.; Mukhametov, A. M.; Kiselev, B. D.

TITLE: Preparation of transformer oil from crude processed at the Krasnovodskiy neftepererabatyvayushchiy zavod (Krasnovodsk petroleum refinery)

SOURCE: Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti. Trudy, no. 51, 1964. Neftekhimiya, neftekhimicheskiye protsessy i neftepererabotka (Petroleum chemistry, petrochemical processes and oil refining), 258-263

TOPIC TAGS: petroleum refining, transformer oil, carbamide deparaffinization, pour point, deep cooling

ABSTRACT: Carbamide deparaffinization of the 300-390C fraction of the distillate of transformer oil obtained from a mixture of Turkmen petroleums processed at the Krasnovodsk refinery cannot produce transformer oil having a pour point below -40C. Introduction of a depressant is not fully satisfactory because the oil is insufficiently stable. Deep cooling of the transformer oil distillate (300-390C) by a methylmethyleketone - ethane mixture at -60C produces transformer oil which meets all the GOST requirements and is stable. As the temperature is raised, the

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L 34184-65

ACCESSION NR: A15006946

number of isomeric forms of paraffin hydrocarbons increases, causing a rise in the pour point of the deparaffinized fractions. When the temperature of the end of boiling of the transformer distillate is lowered from 390 to 370C, carbamide deparaffinization can produce a transformer oil meeting the GOST requirements without addition of a depressant. Deep cooling is recommended for use in the preparation of transformer oil from Turkmen petroleum. Orig. art. has: 9 tables.

ASSOCIATION: Institut neftekhimicheskoy i gazovoy promyshlennosti, Moscow (Petro-chemical and gas industry institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: 4P

NO REF Sov: 000

OTHER: 000

Card 2/2

TENENBAUM, A.B.; GUREVICH, I.L.; BIEZUNEV, A.I.

Obtaining coumarone-indene resins from the pyrolysis products of  
petroleum fractions. Nefteper. i neftekhim. no.9:26-27 '64.  
(MIRA 17:10)

1. Moskovskiy ordena Trudovogo Krashnogo Znameni institut neftekhimi-  
cheskoy i gazovoy promyshlennosti im. akad. Gubkina.

GUREVICH, I.L.; SVERDLOV, A.Ya.; FILATOVA, Ye.D.

Effect of temperature and pressure on the separation of  
paraffin-naphthene hydrocarbons in the single-phase mazut  
evaporation. Khim. i tekhn. topl. i masel 10 no.12:15-18  
(MIRA 19:1)  
D '65.

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut  
neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina.

ACC NR: AM6010601	(A)	Monograph	UR/
Gurevich, Isay Isidorovich; Tarasov, Lev Vasil'yevich			
Physics of low energy neutrons (Fizika neytronov nizkikh energiy) Moscow, Izd-vo "Nauka", 65. 0607 p. illus., biblio. 5,000 copies printed.			
TOPIC TAGS: nuclear physics, neutron physics, neutron diffusion, neutron reaction, elementary particle, slow neutron			
PURPOSE AND COVERAGE: This book covers problems in solid physics, nuclear physics and physics of elementary particles and is based on experiments on the diffusion of low energy neutrons (with energies lower than 1 eu). This book gives the principles of the physics of low energy neutrons as well as several problems in the theory of diffusion of neutrons. It also considers the use of these neutrons in studies of nuclear physics and solid physics. The book is recommended for scientists, physicists and chemists working in the field of nuclear physics and solid physics. It can also be used as a text for students in advanced courses and for aspirants.			
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ACC NR: AM6010601

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- Part II. Slow neutrons in nuclear physics studies
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- Ch. 3.1. Structural studies of nonmagnetic materials--325
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  - Ch. 3.5. Studies of the dynamics of liquids--423
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UDC:539.125.5

ACC NR: AM6010601

Sec. II. Some problems of the theory of diffusion of slow neutrons

Part IV. Diffusion of slow neutrons in chemically bound nuclei

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Ch. 5.1. Magnetic diffusion of nonpolarized--553

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Supplement - Short summary of the works on the theory of diffusion of slow neutrons  
—584

Bibliography--593

SUB CODE: 20 / SUBM DATE: 06Nov65 / ORIG REF: 124 / OTH REF: 513

Card 3/3

ACC NR: AP7000772

SOURCE CODE: UR/0065/66/000/012/0027/0028

AUTHOR: Zhake, L. Yu.; Gurevich, I. L.; Endeka, Ye. Yu.; Shcherbina, Ye. I.

ORG: MINKh and GP

TITLE: Antioxidant additives to triethylene glycol

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 12, 1966, 27-28

TOPIC TAGS: dearomatization, kerosene, gas oil, kerosene fraction, gas oil fraction, extracting agent, diethylene glycol, triethylene glycol, antioxidant, antioxidant additive, diethanolamine, topanol, corrosion, anticorrosion additive, corrosion inhibitor

ABSTRACT: The study of the stabilization of triethylene glycol with antioxidants suitable for operation at a temperature range of 160—180°C was prompted by the corrosive effect on equipment of polyethylene glycols used as extracting agents at temperatures above 150°C, as the experience indicated in the dearomatization of kerosens-gas oil fractions at Sumgait. As it is necessary to keep the pH of the extracting agent above 8, monoethanolamine--MEA (bp 171°C) was used as an anticorrosion agent for diethylene glycol; however, in the case of the triethylene glycol, MEA cannot be used at these temperatures. Therefore, experiments were made with diethanolamine--DEA or topanol (manufactured by the firm "Oxide") by heating triethylene glycol for 1.5 to 4.5 hr at 150, 170, and 200°C in a stream of either air

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UDC: 66.094.382:66.062.52

ACC NR: AP7000772

or nitrogen. DEA and topanol were added to triethylene glycol in amounts of 0.5 and 0.1%, respectively. The results indicated that in air only DEA can keep the pH of the triethylene glycol above 8 at 200C for 1.5 hr; at lower temperatures, both DEA and topanol kept the pH level of the extractant below 8 for all the exposures. In a nitrogen stream, traces of DEA made it possible to keep the pH level of the extractant above 10 for all temperatures and exposures tested. In conclusion the author regards DEA and topanol as prospective stabilizing agents for triethylene glycol; however, the industrial dosages of these additives must be still determined more accurately. Orig. art. has: 2 tables.

SUB CODE: 11, 21/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 5108

Card 2/2

GUREVICH, I. M.

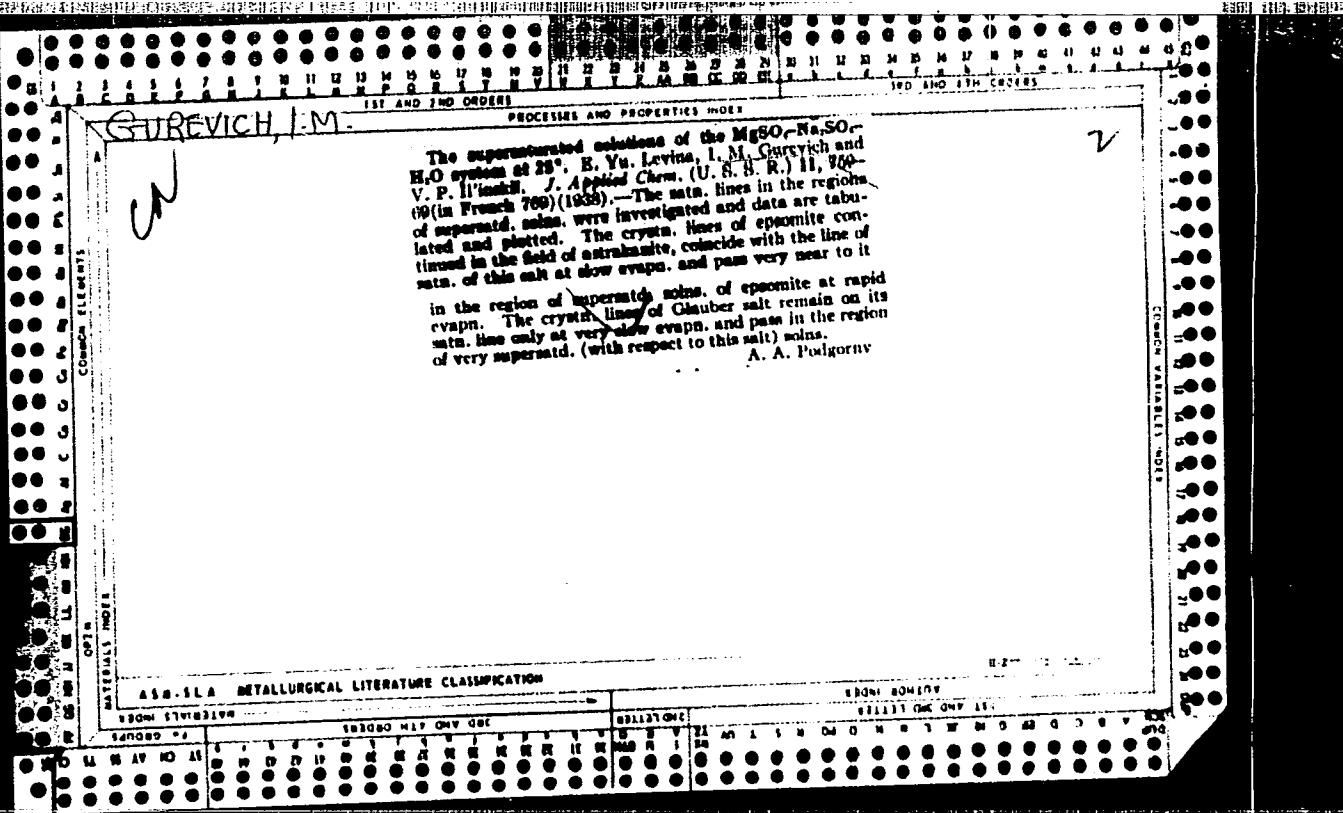
Gurevich, I. M., Kagan, P.I. and Kagan, D. I.—"Effect of preliminary specific and non-specific immunotherapy on the frequency of occurrence of sulferresistant gonorrhea in men," Nauch. zapiski Gcr'k. in-ta dermatologii i venerologii i Kufalry kozhno-verenich. bolezney GGMI, im. Kirova, Issue 12, 1948, p. 253-57

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

GURVICH, I. I.

Kagan, P. I., Kagan, E. I. and Gurvich, I. I. "On the profile of a standard cure of gonorrhoea in men," Klinich. sojazski Gerik. in-ta gennitologii i venerologii i Vsego rozhno-verenich. bol'ezney im. Kirzha, Izd. 1e, 1948, p. 267-92

See: U-3264, 1C April 1953, (Izdatel'stvo zhurnala "Zdravookhranenie", No. 3, 1949)

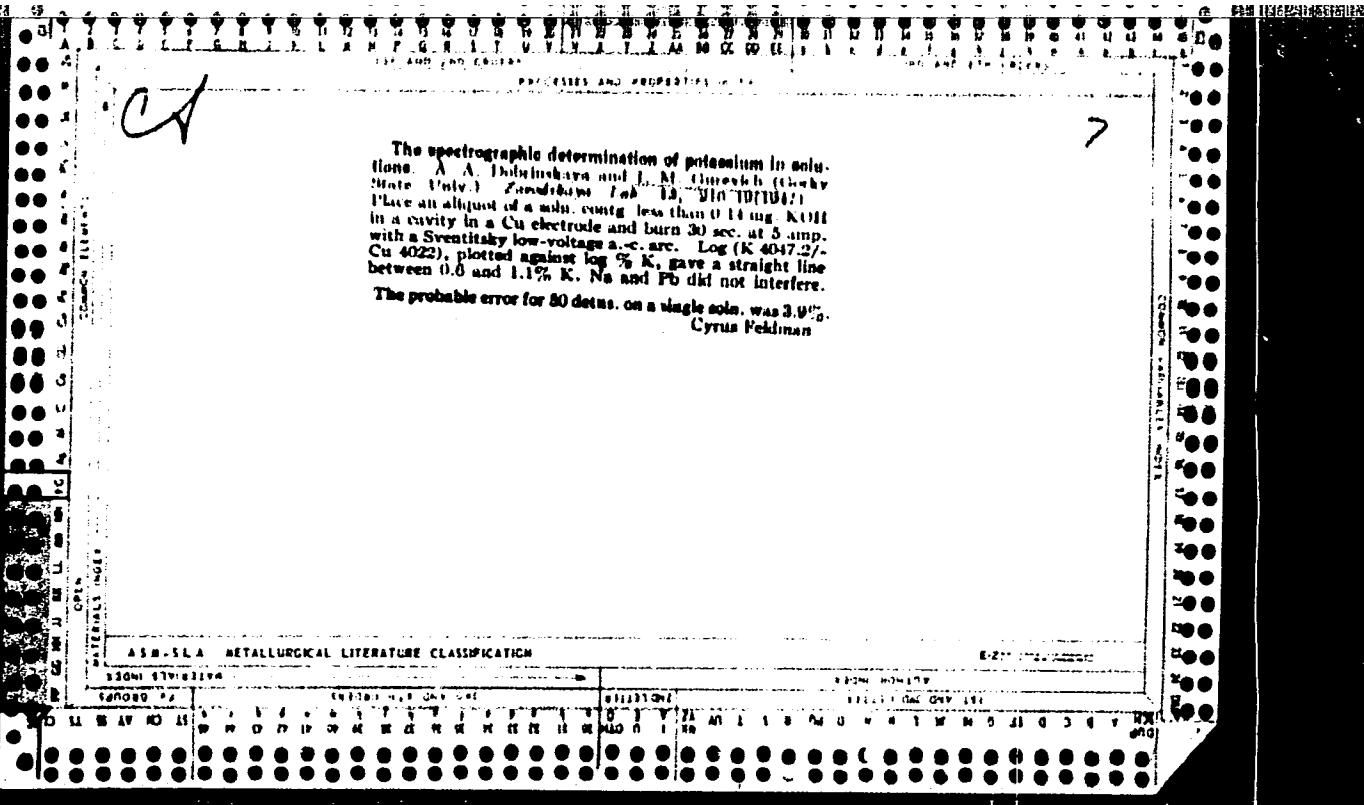


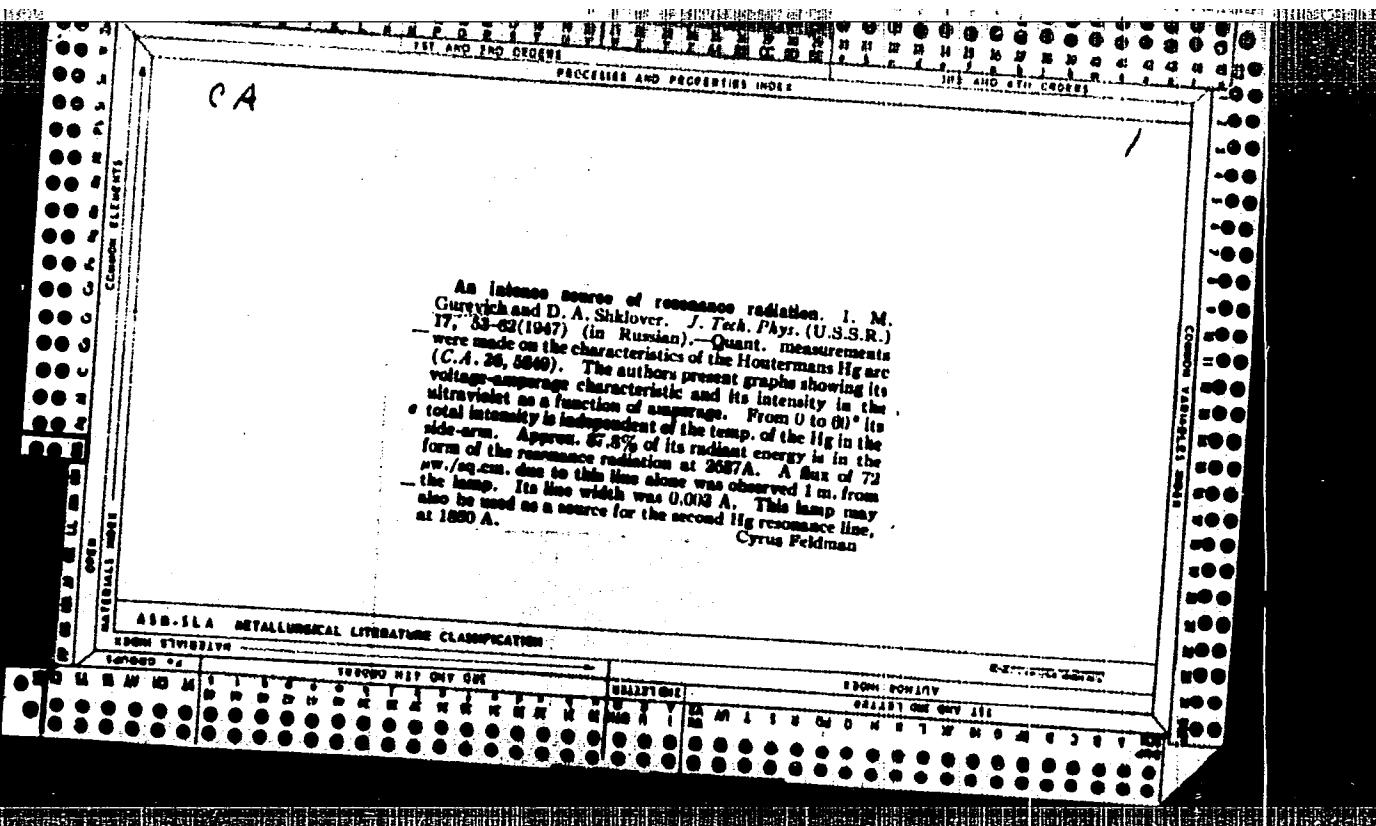
Extraction of electrons from metal by metastable atoms  
of mercury. I. M. Gurevich and B. M. Yavorski (All-  
Union Inst. EKC, Eng., Moscow). *Comp. rend. acad.  
sci. U.R.S.S.* 33, 780-92 (1948). — Theoretical.  
Hart A. Gulbransen

182. The Formation of Metastable Atoms in Optically Clear Excited  
Mercury Vapors, by I.M.Gurevich. *Doklady Akademii Nauk SSSR* 57,  
New Ser., No. 7, September 1947, 4 p. (In Russian)

The author describes experiments conducted which serve as aids  
toward understanding the hypothesis of metastability. His results  
conformed with those obtained by Zemanskiy, House and Giddings,  
and Houtermans.

AIR-51A METALLURGICAL LITERATURE CLASSIFICATION





CH

2

Formation of metastable atoms in pure optically excited mercury vapor. I. M. Gurevich (All-Union Electrotech Inst., Moscow). *Zhurny Tekhn. Nauk S.S.R.* 57, 666-8 (1947). Pure Hg vapor contains a source of electrons that provides a current in an evacuated system which stops when the vapors are condensed by refrigeration. The electron source appears to be metastable atoms of Hg that had been excited by irradiation with the 2537-A. line and by subsequent interatomic collisions. Such atoms diffuse to the cathode surface and create electronic emission. As the concn. of vapor is raised, this current rises until at 120° the photocurrent proper is only 1-2% of the total.  
G. M. Kosolapoff

38004. GUREVICH, I. M.

SVYETOVYYE GONTSY IZ NYEDR VYESHCHYESTVA.  $\sqrt{O}$  SPYEKTR. ANALIZYE.<sup>7</sup>  
I LL. F. ZAVOLOV I A. SHPIR. ZNZNIYE-SILA.) 1949, No. 11, C. 2-7.

CA

Transparency of mercury vapors for the mercury resonance line 2537 Å, at low optical densities of the absorbing layer. L. M. Biberman and I. M. Gurevich. *Zhur. Ekspd. Teoret. Fiz.* 10, 507-14 (1949).—The transparency  $\epsilon$  was detd. with the aid of luminescent (willemite) probes, from the ratio of their brightness at the given optical d.  $kdl$  (where  $k_0$  = absorption coeff. for the center of the resonance line,  $l$  = distance of the probe), and the brightness measured with the Hg vapor frozen out. The transparency  $\epsilon$  decreases with increasing  $kdl$ . The total no.  $N$  of photons passing through a layer of Hg vapor is the sum of the no.  $N_1$  transmitted directly and the no.  $N_2$  of photons scattered in the forward direction of the beam. By calcn.,  $N_1$  drops to practically zero at  $kdl = 15$ . Calcn. of  $N_2$  involves soln. of an integral equation for the distribution of excited atoms. As a function of  $kdl$ , the no.  $N_2$  passes through a max. at about  $kdl = 4$ , then decreases slowly. The theoretical curve of  $\epsilon$  as a function of  $kdl$  coincides very satisfactorily with the exptl. points. From  $kdl = 15$  up, the transparency is due solely to light transmitted by forward scattering. Cf. following abstr.  
N. Thor

GUREVICH, I. M.

USSR/Physics- Radiation, Absorption  
Mercury-

Feb 50

"Absorption of Resonance Radiation and the Formation fo Metastable Atoms in Mercury Vapor," L. M. Biberman, I. M. Gurevich, All-Union Elec Eng Inst, 9 pp

"Zhur Eksper i Teoret Fiz" Vol XX, No 2 p.108-16

Measured transparency of layer of mercury vapor for resonance radiation at high pressures. Observed transparency minimum, which is explained by influence of Holzmark widening. Also measured electric currents arising during exposure of mercury vapor to light. Suggests mechanism of the phenomenon is connected with formation of metastable atoms and with extraction by them of electrons from the electrodes! Submitted 5 Aug 49.

PA 156T99

51-4-2-16/28

AUTHOR: Gurevich, I. M.

TITLE: Emission from a Powerful Pulse Lamp at the Moment of Explosion. (Izlucheniye noshchnoy impul'snoy lampy v moment razryva.)

PUBLISHER: Optika i Spektroskopiya, 1958, Vol.IV, Nr.2, pp 251-253  
(USSR)

ABSTRACT: A pulse lamp unexpectedly exploded and an oscillogram of emission of the lamp was obtained at the moment of explosion (Fig.1). The oscillogram was obtained using a pulse photometer placed at 6 m from the lamp. At the moment of explosion the lamp was connected to a bank of capacitors of 2300  $\mu$ F capacity charged to 5.5 kV. Fig.1 shows that 0.3 msec after reaching the maximum the intensity increased again; this new increase lasted about 0.5 msec, then the increase stopped and the emission dropped suddenly. The usual oscillogram (Fig.2) does not show a second maximum. It may be assumed that the second maximum in the emission oscillogram of Fig.1 was due to a sudden increase of pressure in the lamp due to rapid intense evaporation of quartz from the walls of the discharge tube. The sharp drop of emission

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51-4-2-16/28

Emission from a Powerful Pulse Lamp at the Moment of Explosion.

after the second maximum in Fig.1 was caused by the actual explosion of the lamp. The observed effects suggest that it is possible to increase the brightness of a pulse discharge by making such a discharge occur in vapours produced by evaporation of the walls of the discharge tube. This may be produced by discharges in narrow capillary tubes (Ref.2). Preliminary experiments carried out by the present author show that pulse discharges in quartz capillaries are characterized by high emission of brightness. There are 2 figures and 2 references of which 1 is Dutch and 1 German.

ASSOCIATION: All-Union Scientific Research Institute of Lighting Engineering  
(Vsesoyuznyy nauchno-issledovatel'skiy svetotekhnicheskiy institut.)

SUBMITTED: July 22, 1957.

1. Pulse lamps-Emission-Effects of explosion
2. Photometers-Applications
3. Pulse lamp explosion-Photometric analysis

Card 2/2

GUREVICH, I.M.

UIF-1 pulse photometer for measuring instantaneous light  
beams. Fiz.sbor. no.4:187 1958. (MIRA 12:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy svetotekhnicheskiy  
institut.  
(Photometers)

GUREVICH, I.M.

UIF-1 photometer and calibration of the intensity of light pulses by  
means of electron modulation of radiation receivers. Usp.nauch.fot.  
6:68-69 '59. (MIRA 13:6)  
(Photometers) (Electronic measurements)

GUREVICH, I.M., kand. tekhn. nauk; BARYSHNIKOV, V.G., inzh.;  
FINKEL'SHTEYN, L.Ye., inzh.

Registering electronic LER-1 luxmeter. Svetotekhnika 9 no.5:16-19  
My '63. (MIRA 16:7)

1. Vsesoyuznyy svetotekhnicheskiy institut.  
(Light—Measurement)  
(Photoelectric measurements)

GUREVICH, I. M.  
AID Br. 98927 32 June

SPECTRAL CHARACTERISTICS OF LASER PUMPING LAMPS (USSR)

Gurevich, I. M., and F. A. Charnaya. Optika i spektroskopiya, v. 14, no. 4,  
Apr 1963, 564-570. S/CS1/63/014/C04/010/026

As the development of lasers has necessitated the study of spectral characteristics of pulse discharge lamps whose applications were hitherto limited to photography, experiments have been carried out in the visible and infrared ranges with a number of standard tubular types in the MKH and KMK manufacturing series rated from 100 to 18,000 joules. In addition, high-power helical lamps developed by the All-Union Research Institute of Lighting Engineering were investigated; their spectral density was plotted against time in the 500 to 1800-nanometer range. The measurements were made by the spectrophotometric and ballistic methods. The experimental results showed that high-power lamps have a clearly expressed dependence of spectral density on wavelength. The spectral composition of radiation is affected more strongly by changes in voltage than in capacitance. Stability of energy density distribution during discharge and similarity of time plots for various wavelengths are characteristic of the high-power lamps, represented by the KMK-20,000 -- a spherically-wound tubular lamp --, and the helical lamps. [JA]

Card 1/1

L 5459-66 EWA(k)/FBD/EWT(1)/EVT(m)/EPF(c)/EEC(k)-2/T/EWF(t)/EMP(k)/EWF(b)/  
EWA(m)-2/EWA(h) SCTB/IJP(c) NG/JD

ACC NR: AP5025098

SOURCE CODE: UR/0368/65/003/003/0265/0289

AUTHORS: Bykhovskaya, L. N.; Gurevich, I. M.; Yelina, N. G.; Kononova, S. V.;  
Neyman, I. S.; Charnaya, F. A.

ORG: All-Union Lumo-Technical Research Institute, Moscow (Vsesoyuznyy nauchno-  
issledovatel'skiy svetotekhnicheskiy institut)

TITLE: Impulse lamps VNISI for lasers

76

B

SOURCE: Zhurnal prikladnoy spektroskopii, v. 3, no. 3, 1965, 285-289

TOPIC TAGS: xenon lamp, impulse lamp, optical pumping, optical quanta generator

ABSTRACT: In order to develop reliable lasers<sup>15</sup> for use as optical pumps in various  
solid state devices, the performance of 8 different Xe lamps was studied. Lamps  
having straight and cylindrical spirals and flash energy output between 200 to  
2000 joules were studied. The spectral distribution, light intensity, and  
electrical resistance of the lamps were determined. The results are presented  
in tables and graphs (see Fig. 1). It is concluded that the observed saturation  
of radiant energy  $F_{\lambda}$  in the region of 900 Å for the lamp IP-400 (400 mm Hg Xe) is

Card 1/2

UDC: 621.385.8

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I. 5459-66

ACC NR: AP5025098

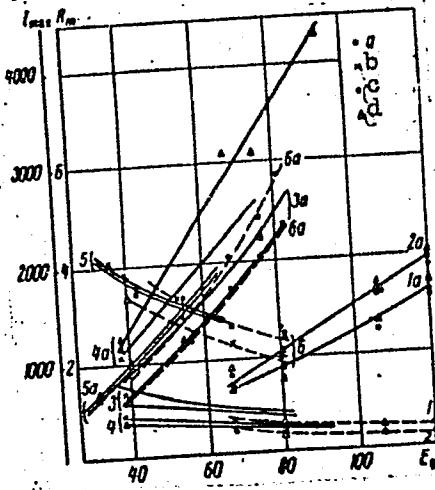


Fig. 1. Dependence of current amplitude  $I_{\max}$  (a) curves 1a - 6a and resistance of impulse lamps  $R_m$  (ohm) at the instant of  $I_{\max}$  - curves 1 - 6 on the initial potential gradient  $E_0$  (v/cm).  
 1 - 1a - IP-200; 2, 2a - IP-400;  
 3, 3a - IP-3000; 4, 4a - IP-5000;  
 5, 5a - ISTS- 10000; 6, 6a - ISP-10000;  
 a - at  $C = 20$  microfarad; b - 530 mf;  
 c - 1160 mf; d - 1475 mf.

due to line plasma absorption. Orig. art. has: 3 tables and 4 graphs.

SUB CODE: EE, OP, EC /

SUBM DATE: 00/

ORIG REF: 010/ OTH REF: 003

Card 2/2 *hd*

L 37660-66 EWP(k)/EWT(d)/EWP(h) EWP(1) EWP(v) BC/GD

ACC NR: AT6012354

SOURCE CODE: UR/0000/66/000/000/0190/0201

AUTHOR: Gurevich, I. M.; Obolenskiy, V. N.; Portnov, M. L.;  
Pshenichnikov, A. M.; Khvoles, V. A.

26  
B+1

ORG: none

TITLE: Complex tele-information system for industrial plants

SOURCE: Nauchno-tehnicheskaya konferentsiya po sredstvam promyshlennoy  
telemekhaniki. Moscow, 1963. Promyshlennaya telemekhanika (Industrial  
telemechanics); materialy konferentsii. Moscow, Izd-vo Energiya, 1966, 190-201

TOPIC TAGS: remote control system, supervisory control system, industrial automation

ABSTRACT: Developed by the Central Scientific Research Institute of Complex Automation (TsNIKA), a system for transmission of discrete and continuous information over a distance up to 20 km is briefly described. The system is intended for connecting individual automatic machines and plants with their control computers and also with the dispatcher's desk; it is designed for a chemical combine whose

Card 1/2

L 37660-66

ACC NR: AT6012354

individual parts are scattered over an area. The system includes the equipment for transmission and reception of information, for data processing, insertion into and withdrawal from the computers; the central dispatcher's station equipment includes digital display panels, scaling devices, parameter-deviation signaling devices and recorders, and integral-parameter and statistical-data recorders. Block diagrams of principal parts of the system are explained. Orig. art. has: 6 figures.

SUB CODE: 09,13/SUBM DATE: 08Jan66

*ms*  
Card 2/2

GUREVICH, I.M.

GUREVICH, I.M., inzhener

For a wider use of anti corrosive "ethynol" paints. Rech.transp.  
14 no.8:17 Ag'55. (MLRA 8:11)  
(Corrosion and anticorrosives) (Ships--Painting)

ZASLAVSKIY, M.Ya., kandidat tekhnicheskikh nauk; GUREVICH, I.M., inzhener.

Hydro-sandblast cleaning of ship hulls. Rech.transp. 15 no.12:23-24  
D '56. (MLRA 10:2)

(Ships--Maintenance and repair) (Sandblast)

GUREVICH, I.M., inzh.

Work of scientific research institutes and planning organizations  
in improving ship repair technology. Rech.transp. 17 no.10:24-25  
0 '58. (MIRA 11:12)  
(Ships--Maintenance and repair)

GUREVICH, I.M., inzh.

Advanced method of cleaning and painting the underwater part of a  
ship's hull. Rech.transp. 18 no.3:19-22 Mr '59. (MIRA 12:4)  
(Hulls (Naval architecture)--Cleaning)  
(Hulls (Naval architecture)--Painting)

CUREVICH, I.M., inzh.

Using epoxide resins in shipbuilding and ship repairing. Rech.  
transp. 18 no.5:25-27 My '59. (MIRA 12:9)  
(Resins, Synthetic) (Shipbuilding)  
(Ships--Maintenance and repair)

GURVICH, I. M., Cand Tech Sci -- (diss) "The effect of certain technological factors on the repair of hulls on the exploitational quality of boats for inland navigation," Gor'kiy, 1960, 15 pp, (Gor'kiy Institute of Water Transport Engineers)

(KL, 39-60, 108)

GUREVICH, I.M., inzh.

Effect of certain technical factors in repairing the hull  
on the operating qualities of a ship. Trudy LIVT no.6:13-21  
'60. (MIRA 15:3)

(Hulls (Naval architecture))  
(Ships--Maintenance and repair)

KOCHUGOVA, Ye.I.; GUREVICH, I.M.

Development of borate luminophors with erythermal action. [Trudy]  
(MIRA 18:5)  
GIPKH no.51:83-87 '64.

ACCESSION NR: AP4024409

S/0204/64/004/001/0128/0132

AUTHOR: Panchenkov, G. M.; Zhorov, Yu. M.; Venkatachalam, K. A.; Gurevich, I. P.

TITLE: Determination of the group composition of hydrocarbon mixtures by liquid chromatography with luminescent indicators.

SOURCE: Neftekhimiya, v. 4, no. 1, 1964, 128-132

TOPIC TAGS: hydrocarbon group analysis, liquid chromatography, luminescent chromatography, luminescent dye, indicator, aromatic hydrocarbon, olefinic hydrocarbon, paraffinic hydrocarbon, naphthenic hydrocarbon, indicator adsorption, chromatographic column packing, group analysis

ABSTRACT: Luminescent dyes were prepared, a method of luminescent chromatographic analysis of hydrocarbon mixtures was worked out, and the accuracy of the method was evaluated. By using specific luminescent dyes, a chromatogram of hydrocarbon mixtures separated into aromatic hydrocarbon, olefinic and paraffinic plus naphthenic zones can be obtained by illuminating the silica gel column with ultraviolet light. The length of each determined zone will correspond to the content of the type of hydrocarbon in the mixture. A material extracted from high

Card . 1/3

ACCESSION NR: AP4024409

molecular petroleum products such as asphalt or ozokerite provides a luminescent indicator suitable for identifying both the aromatic and the olefinic sections. The aromatic indicator (dark blue luminescence under u.v.) is extracted with diisobutene from material adsorbed on silica gel and the olefinic indicator (light blue luminescence) is extracted with benzene. Luminescent-chromatographic analyses conducted on mixtures boiling in the 30-300 C range showed the method to be reliable and accurate. Higher molecular weight compounds may also be analysed by this method. The composition of the hydrocarbon mixture has little effect on the accuracy. Accuracy of the method does depend on the evenness of the chromatographic column packing and on the similarity in sorption onto silica gel of the luminescent indicators for the different type hydrocarbon fractions. The indicators obtained by extraction from asphalt meet the requirement of being similarly adsorbed on silica gel. Thus luminescent chromatography may be effectively used in group analyses of hydrocarbon mixtures. Orig. art. has: 3 tables and 3 equations.

ASSOCIATION: Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. I. M. Gubkina (Moscow Institute of the Petrochemical and Gas Industry).

Card 2/3

ACCESSION NR: AP4024409

SUBMITTED: 06May 63

DATE ACQ: 17Apr64

ENCL: 00

SUB CODE: GC

NO REF Sov: 003

OTHER: 001

Card 3/3

L 52697-65 EWT(1) PI-4 IJP(c)  
ACCESSION NO: AF5014953

0069/05/00/005/0061/0062  
535.37:661.715.5

AUTHORS: Zhorov, Yu. M.; Panchenkov, G. M.; Gurevich, I. P.; Venkatachalan, K. A.

TITLE: A new luminescent indicator for determining luminescent hydrocarbons

SOURCE: Khimiya i tekhnologiya topliv i massel, no. 6, 1965, 61-62

TOPIC TAGS: aromatic hydrocarbon, luminescence analysis, organic chemistry, diphenylbutadiene, pigment, chromatographic analysis, hydrocarbon, benzene, Sudan III pigment

ABSTRACT: In continuing their studies of luminescent and fluorescent indicators for chromatographic analysis of hydrocarbons (Neftekhimiya, v. 4, no. 1, 1964), the authors determined that diphenylbutadiene-1,3 (DFB) produced by the Khar'kovskiy zavod khimicheskikh reaktivov (Khar'kov Plant of Chemical Reagents) represents a fine indicator for aromatic hydrocarbons. Used with silica gel, DFB imparts a bright blue-violet color to the aromatic group irradiated with ultraviolet light. The method for preparing DFB by mixing it with benzene and a red pigment Sudan III is described, and the analytical procedure of determining the amount of aromatic hydrocarbons is explained in detail. A table is included, showing the results obtained with DFB in determining the amount of aromatic fraction in a laboratory-

Card 1/2

L 52697-65

ACCESSION NR: AP5014953

prepared aromatic-nonaromatic mixture. In another table the results obtained by this method are compared with those obtained by other means. The DFB method is shown to be substantially more accurate, producing an error of not over 2%, and, in 70 cases out of 100, smaller than 1%. Orig. art. has: 2 tables and 2 formulas.

ASSOCIATION: MINKh i CP

SUBMITTED: 00

ENOL: 00

SUB CODE: CC, 6P

NO REF Sov: 001

OTHER: 000

RR  
Card 2/2

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000617420002-9

GUREVICH I.S. inzhener.

Raise the quality and speed up the construction of housing for  
railroad workers. Transp.stroi. 6 no.10:3-4 O '56. (MLRA 10:1)  
(Housing) (Building)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000617420002-9"

GUREVICH, I. S.

BUKHARIN, DR. N. A. - BOROVSKIY, B. Ye. - VINOGRADOV, S.I. - GUBANOV, V. I.

GUREVICH, I. S. - YERSHOV, S. K. - ZOLOTILOV, I. S. - KRUGLOV, N. G.

FEDOROV, S. A.

Automobiles - Design and Construction

Experience with operating domestic automobiles in Leningrad and in Leningrad Province. Avt. trakt. prom. no. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

GUREVICH, Il'ya Solomonovich; GUTTSAYT, Roman Moiseyevich; ANDREYEV, P.S.,  
redaktor; GALAKTIONOVA, Ye.N., tekhnicheskiy redaktor

[Organization of bus fleet operations; experience of the Leningrad  
no.1 bus fleet] Organizatsiya raboty avtobusnogo parka; iz opyta  
rabcty 1-go Leningradskogo avtobusnogo parks. Moskva, Nauchno-tekhn.  
izd-vo avtotransp. lit-ry, 1956. 47 p. (MLRA 9:10)  
(Motorbuses)

GUREVICH, I.S., inzh.; MOROSHKIN, B.N., inzh.; KLIMOVITSKAYA, R.M., inzh.

Radio controlled switcher. Vest. TSHII MPS 19 no.8:60-61 '60.  
(MIRA 13:12)

1. Kolomenskiy teplovozostroitel'nyy zavod im. V.V.Kuybysheva.  
(France—Locomotives) (Remote control)

GUREVICH, I. S.

GUREVICH, I. S. "Experience in treating deaf-muteness by forced respiration", In the collection: Boyevaya travma nervnoy sistemy, Khar'kov, 1948, p. 190-91.  
SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

GUREVICH, I.S. [Hurevych, I.S.]

Effect of vocational training on the higher nervous activity in  
mentally defective children (imbeciles). Fiziol. zhur. Ukr.  
4 no.5:696-697 S-0 '58  
(MIRA 11:11)

1. Ukrainskiy tsentral'nyy nauchno-issledovatel'skiy institut  
ekspertizy trudosposobnosti i organizatsii rabot dlya invalidov.  
(CHILDREN, ABNORMAL AND BACKWARD)  
(REMEDIAL TEACHING)

GUREVICH, I.S.

Mass participation if the most important factor. Mashinostroitel'  
no. 5:44 My '60. (MIRA 14:5)

1. Chlen Soveta nauchno-tekhnicheskogo obshchestva mashinostroitel'noy  
promyshlennosti Kolomenskogo teplovozstroitel'nogo zavoda.  
(Kolomna—Diesel locomotives)

GUREVICH, I.S.; PTITSYN, A.G.

Efficient laying-out of metals. Mashinostroitel' no.6:25  
Je '61. (MIRA 14:6)  
(Laying out (Machine-shop practice))

PYASETSKAYA, V.S.; GUREVICH, I.S.

For high quality and durability of machinery. Mashinostroitel'  
no.6:46 Je '62. (MIRA 16:5)  
(Kolomna--Diesel locomotives)

GUREVICH, I.S.

Device for marking shaft ends for centering. Mashinostroitel'  
no. 5:26 My '64. (MIRA 17:7)

GUREVICH, I.S.

Graphic and analytic method for laying out metals. Mashinostroitel'  
no.1:30-32 Ja '65. (MIRA 18:3)

GUREVICH, I. V.

Certain Problems in the Technical Editing of Maps and Atlases  
Sb. statev po kartografii, No 4, 1953, pp 45-49

The author considers it necessary to limit the number of standard formats of cartographic papers and, in the determination of the formats of school maps, to take into account the process of gluing of maps onto cloth. The artist and cartographer in their work on the colored (printing) and grids of various gradation. The technical editor must begin his work on the map early in the stage of its construction. (RZhGeol, No 3, 1955)

SO: Sum. No. 639, 2 Sep 55

GUREVICH, I.V.; ZHUDRO, A.N.; KOMAR'KOVA, L.M., redaktor; KUZ'MIN,  
O.M., tekhnicheskiy redaktor.

[Technique of binding geographical atlases] Tekhnologiya  
perepletnykh protsessov geograficheskikh atlasov. Moskva,  
Izd-vo geodezicheskoi lit-ry, 1955. 61 p. [Microfilm]  
(Bookbinding) (MLRA 9:1)

GUREVICH, Isaak Vul'fovich; EDEL'SHTEYN, A.V., redaktor; KOMAR'KOVA, L.M.,  
redaktor Izdatel'stva; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Experience in preparing of the World Atlas for publication] Iz opyta  
izdaniia atlasa mira. Moskva, Izd-vo geodezicheskoi lit-ry, 1956.  
(MLRA 10:1)  
79 p.  
(Cartography)

GURSVICH, I.V.

Some methods for accelerating the preparation of maps for printing.  
Geod. i kart. no.9:54-59 N '56. (MLRA 10:1)  
(Map printing)

GUREVICH, L.V.

MEKLER, M.M., otvetstvennyy red.; BASHLAVINA, G.N., red.; VORONINA, A.N., red.;  
GUREVICH, I.V., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.;  
LARIN, D.A., red.; RAUSH, V.A., red.; SAMOYLOV, I.I., red.;  
SLAIKOVAYA, Ye.A., red.; STROYEV, K.F., red.; SHCHASTNEV, P.N., red.;  
TUTOCHKINA, V.A., red.; SHUROV, S.I., predsedatel', red.; ERDMLI,  
V.G.

[Geographical atlas for the fifth grade] Geograficheskii atlas dlia  
5-go klassa. Moskva [1957] 16 p. (MIRA 11:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i  
kartografii.  
(Maps)

GURVICH, I.Y.

Preparation of background map diapositives (negatives) on chrome  
gelatin. Geod. i kart. no.5:57-63 My '57. (MLRA 10:8)  
(Map printing)

SAFRONOVA, V.A., otv.red.; SHUROV, S.I., red.; BASHLAVINA, G.N., red.;  
VORONINA, A.N., red.; GUREVICH, I.V., red.; ZASLAVSKIY, I.I.,  
red.; KOZLOV, F.M., red.; LARIN, D.A., red.; RAUSH, V.A., red.;  
SAMOYLOV, I.I., red.; SLADKOVA, Ye.A., red.; STROYEV, K.F., red.;  
SCHASTNEV, P.N., red.; TUTOCHKINA, V.A., red.; ERDEL', V.G., red.;  
DYUZHEVA, A.M., red.kart; POLYANSKAYA, L.A., red.kart

[Geographical atlas of the U.S.S.R. for the seventh grade] Geogra-  
ficheskii atlas SSSR dlia 7-go klassa. Moskva, 1958. (MIRA 12:5)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniya geodesii i karto-  
grafii. 2. Nauchno-redaktsionnaya kartosostavitel'skaya chast'  
Glavnogo upravleniya geodesii i kartografii Ministerstva vnutrennikh  
del SSSR (for all except Dyuzheva, Polyanskaya).  
(Atlases)

DRIATSKAYA, E.M., otv.red.; SHUROV, S.I., red.; BASHLAVINA, G.N., red.;  
VORONINA, A.N.; CHIRWICH, I.V., red.; ZASLAVSKIY, I.I., red.;  
KOZLOV, F.M., red.; LARIN, D.A., red.; RAUSH, V.A., red.;  
SAMOYLOV, I.I., red.; SLAIKOVA, Ye.A., red.; STROYEV, K.P., red.;  
SCHASTNAV, P.N., red.; TUTOCHKINA, V.A., red.; ERDHLI, V.G., red.

[Geography atlas for the sixth grade] Geograficheskii atlas dlia  
6-go klassa. Moskva, 1958. 32 p. (MIRA 12:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i  
kartografii. 2. Nauchno-redaktsionnaya kartosostavitel'skaya  
chast' Tsentral'nogo nauchno-issledovatel'skogo instituta  
geodezii, aeros"yemki i kartografii.  
(Maps)

LEVCHENKO, G.I., admiral, otvetstvennyy red.; DEMIN, L.A., dots., kand. geogr. nauk, inzh.-kontr-admiral, glavnnyy red.; FOMKIN, N.S., polkovnik, zamestitel' otvetstvennogo red.; ABAN'KIN, P.S., admiral, red.; ALAFUZOV, V.A., prof., kand. voenno-morskikh nauk, admiral, red.; ANAN'ICH, V.Ye., kontr admirral zapasa, red.; ACHKASOV, V.I., kand. istor. nauk, kapitan 1 ranga, red.; BARANOV, A.N., red.; BELLI, V.A., prof., kontr-admiral v otstavke, red.; BESKROVNYY, L.G., prof., doktor istor. nauk, polkovnik zapasa, red.; BOLTIN, Ye.A., kand. voen. nauk, general-major, red.; VERSHININ, D.A., kapitan 1 ranga, red.; VITVER, I.A., prof., doktor geogr. nauk, red.; GEL'FOND, G.M., dots., kand. voenno-morskikh nauk, kapitan 1 ranga, red., GLINKOV, Ye.G., inzh.-kontr-admiral v otstavke, red.; YELISEYEV, I.D., vitse-admiral, red.; ZOZULYA, F.V., admiral, red.; ISAKOV, I.S., prof., Admiral Flota Sovetskogo Soyuza, red.; KAVRAYSKIY, V.V. [deceased], prof., doktor fiz.-mat. nauk, inzh.-kontr-admiral v otstavke, red.; KALESNIK, S.V., red.; KOZLOV, I.A., dots. kand. voenno-morskikh nauk, kapitan 1 ranga, red.; KOMAROV, A.V., vitse-admiral, red.; KUDRYAVTSEV, M.K., general leytenant tekhnicheskikh voysk, red.; LYUSHKOVSKIY, M.V., dots., kand. istor. nauk, polkovnik, red.; MAKSIMOV, S.N., dots., kand. voenno-morskikh nauk, kapitan 1 ranga, red.; OKUN', S.B., prof., doktor istor. nauk, red.; ORLOV, B.P., prof., doktor geogr. nauk, red.; PAVLOVICH, N.B., prof., kontr-admiral v otstavke, red.; PANTELEYEV, Yu.A., admiral, red.; PITERSKIY, N.A., kand. voenno-morskikh nauk, kontr-admiral, red.; PIATONOV, S.P., general-leytenant, red.; POZNYAK, V.G., dots., general leytenant, red.; SALISHCHEV, K.A., prof., doktor tekhn. nauk,

(Continued on next card)

LEVCHENKO, G.I.---(continued) Card 2.

red.; SIDOROV, A.L., prof., doktor istor. nauk., red.; SKORODUMOV,  
L.A., kontr-admiral, red.; SNEZHINSKIY, V.A., prof., doktor  
voenno-morskikh nauk, inzh.-kapitan 1 ranga, red.; SOLOV'IEV, I.N.,  
dots., kand. voenno-morskikh nauk, kapitan 1 ranga, red.; STALBO,  
K.A., kontr-admiral, red.; STEPANOV, G.A. [deceased], dots., vitse-  
admiral, red.; TOMASHEWICH, A.V., prof., doktor voenno-morskikh  
nauk, kontr-admiral v otstavke, red.; TRIBUTS, V.F., kand. voenno-  
morskikh nauk, admiral, red.; CHERNYSHOV, P.I., kontr-admiral, red.;  
SHVABE, Ye.Ye., prof. doktor voenno-morskikh nauk, kontr-admiral,  
red.; CHURBAKOV, A.I., tekhn. red.; VASIL'IEVA, Z.P., tekhn. red.;  
VIZIROVA, G.N., tekhn. red.; GOROKHOV, V.I., tekhn. red.; GRIN'KO,  
A.M., tekhn. red.; KUBLIKOVA, M.M., tekhn. red.; MALINKO, V.I.,  
tekhn. red.; SVIDERSKAYA, G.V., tekhn. red.; CHERNOGOROVA, L.P.,  
tekhn. red.; GUREVICH, I.V., tekhn. red.; BUKHANOVA, N.I., tekhn.  
red.; NIKOLAYEVA, I.N., tekhn. red.; RADOVIL'SKAYA, E.O., tekhn.  
red.; TIKHOMIROVA, A.S., tekhn. red.; BELOCHKIN, P.D., tekhn. red.;  
LOYKO, V.I., tekhn. red.; ROMANYUK, I.G., tekhn. red.; YAROSHEWICH,  
K.Ye., tekhn. red.

[Sea atlas] Morskoi atlas. Otv. red. G.I. Levchenko. Glav. red.  
L.A. Demin. [Moskva] Izd. Glav. shtaba Voenno-morskogo flota.  
Vol.3. [Military and historical. Pt.1. Pages 1-45] Voenno-istori-  
cheskii. Zamestitel' otv. red. po III tomu N.S. Frumkin. Pt.1.  
Listy 1-45. 1958. \_\_\_\_ [Military and historical maps, pages 46-52]  
(Continued on next card)

LEVCHENKO, G.I.---(continued) Card 3.  
Voenno-istoricheskie karty, listy 46-52. 1957. (MIRA 11:10)

1. Russia (1923- U.S.S.R.) Ministerstvo obrony. 2. Nachal'nik Glavnogo upravleniya geodezii i kartografii Ministerstva vnutrennikh del SSSR (for Baranov). 3. Chlen-korrespondent Akademii nauk SSSR (for Kalesnik). 4. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR (for Orlov).

(Ocean--Maps)

AUTHOR: Gurevich, I. V. 6-58-3-10/16

TITLE: Experience With the Preparation for Printing of Atlases  
With Colored Illustrations (Opyt podgotovki k pechati atlasov  
s tsvetnymi illyustratsiyami)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 3, pp. 47 - 51 (USSR)

ABSTRACT: At first the two printing methods of maps with colored illustrations customary before the war are given. Then the work according to the new technological procedure employed in the preparation for printing of the two school atlases for the 4-th and 5-th class are described. For the purpose of preserving the diapositive originals of the illustrations from damage during the production of combined diapositives the experience gained by the printing office of the "Pravda" with regard to the production of duplicates of the diapositives according to the method of film-coloring in the mass was utilized here. The scheme of the technological process for the production of the duplicates is given. - In the production of both atlases a technology for the production of combined diapositives of ground, scanning and line elements of the map

Card 1/2

6-58-3-10/16

Experience With the Preparation for Printing of Atlases With Colored Illustrations

was created. At the same time some deficiencies were determined. Thus the originals of illustration must not be enlarged, as this renders the work of retouching difficult. In the production of the draft diapositive the screen for the elements of illustration must also be present on it. The results in the preparation for printing and the printing of the editions of both atlases showed that the technology used here can be used for the edition of any cartographic product. There is 1 reference, which is Soviet.

AVAILABLE: Library of Congress

1. Maps--Coloring
2. Maps--Processes

Card 2/2

SEMENOV, A.I., otv.red.; FILIPPOV, Yu.V., prof., doktor tekhn.nauk, red.;  
BASHLAVIN, V.A., kand.tekhn.nauk, red.; VOYNNOVA, V.V., red.; GURARI,  
Ye.L., kand.ekonom.nauk, red.; GUREVICH, I.V., red.; ZHIV, I.S., red.;  
ZARUTSKAYA, I.P., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.;  
NIKISHOV, M.I., kand.geograf.nauk, red.; SADCHIKOV, S.F., red.;  
TIKHOMIROV, D.I., red.; TUTOCHKINA, V.A., red.; BALANTSSEVA, I.A., red.  
kart; BOGDANOVA, L.A., red.kart; BOCHAROVA, I.L., red.kart; VENEVTSSEVA,  
G.P., red.kart; VOLKOVA, A.P., red.kart; GOSTEVA, N.A., red.kart;  
YEFIMOVA, G.N., red.kart; ZHIV, D.I., red.kart; KRAVCHENKO, A.V., red.  
kart; KUBRIKOVA, N.S., red.kart; KUZNETSOVA, N.A., red.kart; KURSAKOVA,  
I.V., red.kart; LOBZOVA, N.A., red.kart; MEERTSALOVA, L.M., red.kart;  
MOSTMAN, S.L., red.kart; PANFILOVA, M.V., red.kart; SEMENOVA, V.D.,  
red.kart; SMIRNOVA, T.N., red.kart; TERESHKOVA, V.S., red.kart;  
FEDOROVSKAYA, G.P., red.kart; FETISOVA, N.P., red.kart; FIL'GUS, Z.Kh.,  
red.kart; SHAPIRO, Ye.M., red.kart; SHISHKIN, Ye.A., red.kart; YASHU-  
NICHKINA, Ye.G., red.kart. V razrabotke kert prinimali uchastiye:  
ALISOV, B.A., prof.; BERZINA, M.Ya.; VASILEVSKIY, L.I.; GAVRILOVA,  
S.A., kand.geograf.nauk; GINZBURG, G.A., kand.tekhn.nauk; DOBOSSHINSKAYA,  
I.B.; YEVSTIGNEYEVA, A.I.; LAVRENKO, Ye.M., prof.; LOZINOVA, V.M., kand.  
tekhn.nauk; MILANOVSKIY, Ye.Ye., kand.geologo-mineral.nauk; MIKHAYLOV,  
A.A., prof.; MYSHKIN, Ye.P.; PUZANOVA, V.F., kand.geograf.nauk;

(Continued on next card)

SEMELEV, A.I.---(continued) Card 2.

ROZOV, N.N., prof.; SMIRNOV, D.I.; TARASOV, A.P.; TROFIMOVSKAYA,  
Ye.A., kand.geograf.nauk; TUGOLESOV, D.A., kand.geologo-mineral.  
nauk. ZININ, I.F., tekhn.red.

[Geographical atlas for secondary school teachers] Geograficheskii  
atlas; dlja uchitelei srednei shkoly. Izd.2. Moskva, Glav.upr.  
geodezii i kartografii MVD SSSR, 1959. 191 p. (MIRA 12:11)

1. Predstavitel' Nauchno-issledovatel'skogo instituta metodov obucheniya Akademii pedagogicheskikh nauk RSFSR (for Zaslavskiy).
2. Predstavitel' Upravleniya shkol Ministerstva prosvyashcheniya RSFSR (for Tutochkina). 3. Chleny-korrespondenty AN SSSR (for Lavrenko, Mikhaylov).

(Maps)

3(2)

AUTHOR: Gurevich, I. V.

SOV/6-59-1-10/14

TITLE: Some Problems of Preparing the Edition of Comprehensive Special Atlases (Nekotoryye voprosy podgotovki k izdaniyu kompleksnykh i spetsial'nykh atlasov)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 1, pp 55-61 (USSR)

ABSTRACT: At present the cartographic institutes of the Glavnaya upravleniya geodezii i kartografii (Main Administration for Geodesy and Cartography) are mapping comprehensive special atlases. These atlases contain special maps, many of which have the same geographical basis. At the Nauchno-redaktsionnaya kartosostaviteльskaya chasty (NRKCh) (Scientific Editorial Department for the Compilation of Maps) investigations were carried out to find economical processes to avoid repeated compilation and mapping. Based on these investigations the use was introduced of standardized geographical details for maps and atlases, as well as for wall maps consisting of several parts. Thus, it became possible to obtain print originals for five special maps. -At the NRKCh investigations were carried out on the process of preparing the edition of comprehensive special atlases. Some results obtained are given as recommendations. There are 3 figures.

Card 1/1

GUREVICH, I. V.

Soviet Union	1/2), 3/4	507/6-22-7-4/25
AUTHOR:	Sokolov, O. I.	
TITLE:	Results of the Competition for the Best Improving Suggestion (Novi kontury na luchshaya rassionalizatorstvo) predlozhenny	
PUBLICATION:	Geodezika i Kartografija, 1959, Mr. 7, pp 17-21 (ISSN)	
ABSTRACT:	In May 1959, the ordinary competition for the best improvement suggestion in the field of topographic-geodetic and cartographic production was concluded at the Glavnogeodezicheskoye Amt (Main Administration of Internal Affairs of Gosudarstvennoy Gidrogeodezicheskoye i Kartograficheskoye Institut). The competition was conducted by the Ministry of Internal Affairs of the USSR. 7 awards were given out. A total of 30 topographic-geodetic and cartographic suggestions were submitted. The 1st prize of 1,000 rubles was awarded to V. V. Vorob'ev (Minsk Cartographic Plant) for "Simplification of the Geodesic Surveying Work". The 2nd prize of 750 rubles was awarded to V. M. Daltsev, O. P. Shesterikov and V. P. Stepanov (Biroch) for "Technology of the Use of Standard Base (Topovaya Otnovka)". 2) L. G. Gurevich, Y. N. Makovitskaya, O. J. Shcherber, I. V. Matkovskaya for "Improvement of the Manufacture of Combined Instruments" (Mach.). 3) D. A. Larin (Kirovskoye AGP (Kirovskoye AGP)) for "Reduction of Work in Evaluating the Accuracy of Dynamic Geodesic Maps Formed by Pictures of Regular Shapes". 4) M. V. Shcherber (Kirovskoye AGP (Kirovskoye AGP)) for "Light Collapsible Leader of Ruler for Prospecting" - The 3rd Prize of 500 rubles each were awarded to: 1) I. V. Shestal' (Kirovskoye AGP (Kirovskoye AGP)) for "Establishment of Fixed Points in the Method of Thinning by Means of Paper". 2) I. D. Chubanov (Tulaeskoye AGP (Tulaeskoye AGP)) for "Construction of Geodesic Instruments for Surveying Work in the Tundra". 3) A. K. Kuznetsov (Orel'yanoye AGP (Orel'yanoye AGP)) for "Reduction in the Accuracy of Topographic Planes on the SP-2". 4) V. N. Zarechnik (Kirovskoye AGP (Kirovskoye AGP)) for "Simplifying or Reducing Work by 50%". 5) D. V. Antropov, A. J. Gurevich, Z. I. Lalk and others. I. M. Savchenko, L. V. Likhacheva, V. V. Likhachev, V. V. Likhachev for "Technology of the Compilation and Edition of Topographic Maps by the Photocell Method". 6) N. F. Gerasimov (Kirovskoye Kartograficheskaya Fabrike (Kirovskoye Kartograficheskoye Institute)) for "Vertical Plan Machine for Drawing" (7). I. N. Tukhov (Zashchitnyy Kartograficheskaya Fabrike (Zashchitnyy Kartograficheskoye Institute)) for Mechanism for the Loading of Charts with Paper Rolls". 8) A. N. Slobodchik (Ural'skoye AGP (Ural'skoye AGP)) for "Replacement of the Arc Lamp for the Helio-copic-Artistic Machine KP-1 by an Illuminating Device With Lens System Lamp 135-40". 9) G. N. Grigor'yev (Sverdlovsk AGP (Sverdlovsk AGP)) for "Rules for Drawing in the Preparation of Map Compilations and Final Compilations". 10) I. A. Tsvetkov (Sverdlovskoye AGP (Northwest AGP)) for "Improvement of the Contact Mechanism in the Microtometer by Pedals". 11) G. M. Andreyev (Moskovskoye AGP (Moskovskoye AGP)) for "Formula and Form for More Rational Composition of Superleveling Sections From the Triangonometric Levelling". 12) N. G. Vasil'ev (Sverdlovskoye AGP (Sverdlovsk AGP)) for "Three Tubular Paintings of Leveling Staffs". 13) O. I. Grishankin (Kirovskoye AGP (Kirovskoye AGP)) for "Formulas and Table for Estimating the Distance Between the Free Ends of Polar and Axial Conditions Computed on Plane and on a Ball". - Besides, the following suggestions were accepted by the jury: 1) V. S. El'gaz (Sverdlovskoye AGP (Sverdlovsk AGP)) "Underframe for Observatory", 2) B. V. Olsintsev "Telescopic Cover".	
CARD 1/6		
CARD 2/6		
CARD 3/6		

307/6-50-7-4/25  
Results of the Competition for the Best Importing Enterprises

(Bevero-Lapatoye AGP) "Mark-3" (GDP) "Mechanika" (Mechanika),  
 Corrections of Bentening and Reducing 2/1st Auxiliary Scale  
 for Determining the Corrections of the Curvature of the Edge  
 of the Geodetic Line and the Sphere. 5) F. G.  
 MAYER (Rakovskoye AGP) "Variation of the  
 Construction of the Heliotrope. 4) C. ... Shchitser (Ne-  
 tokoye AGP (Koscow AGP)), "Zero Thermoster for the Grav-  
 imeter (GAK-21-type". 5) P. I. Zolotov (Rakovskoye AGP  
 (Koscow AGP)), Device for Cutting Aluminum. 6) A. ... Zilman  
 and G. M. Granberg (Lukovskoye AGP (Koscow AGP)). 7) Foreign Crite-  
 rium. 7) V. V. Kostomarovsky, M. A. Fainovich and S. M.  
 Matveev (Minskaya Kartograficheskaya Fabrika (Krasnaya Gora-  
 vaya Institute)). 8) "Kartograficheskaya Fabrika (Krasnaya Gora-  
 vaya Institute)". 9) "A Workbench Device for Mixing Oil Colors". 10) L. Ginsberg (Rakhnenkaya Kartograficheskaya  
 Fabrika (Rakhnenkoye Cartographic Institute)). Device for Gravim-  
 istry for the Edges of Plate Glass. 11) A. A. Yankov (Rakhnenkaya  
 Kartograficheskaya Fabrika (Rakhnenkoye Cartographic Institute)),  
 "Workbench for Fixing the Gridline Case". 12) Mechanism  
 for Lifting the Frame Through the Stroke of the Scales". 13) V. I. Marchenko  
 and S. A. Lomberov (Rakhnenkaya Kartograficheskaya Fabrika  
 (Rakhnenkoye Cartographic Institute)). "Automatic Switch-off of  
 Arc Lamp". 14) V. V. Kostomarovsky (Kartografiches-  
 skaya Fabrika (Rakhnenkoye Cartographic Plant)). "Increase  
 the Possibility of Light-weight Rubber Solutions (Adhesive).  
 15) T. S. Shar (Krasnaya Kartograficheskaya Fabrika (Krasnaya  
 Kartograficheskaya Plant)). "Correspondence of the Stroke-eli-  
 ments on Topographic Tape with the Stroke of the Machine  
 for Drawing a Map". 16) V. V. Kostomarovsky, S. E. Vlasova (Rakhnenkaya  
 Kartograficheskaya Fabrika (Rakhnenkoye Cartographic Plant)).  
 "On the Improvement in the Construction of Mortise Saw for  
 Freezing-on the Inkling Rollers and Friction Motors on the Oper-  
 ator Machines (Plasova-Jupar-Milina". 17) A. I. Zemlyakov (Kras-  
 naya Kartograficheskaya Fabrika (Rakhnenkoye Cartographic  
 Plant)). "A Rational Method of Making Ornaments of Print-  
 ing Paper of Relief Printing on Tracing Paper for Prints  
 on Office Machines". 18) N. I. Tsvetkov (Rakhnenkaya  
 Kartograficheskaya Fabrika (Rakhnenkoye Cartographic Plant)),  
 "Organization and Automation of the Setting-up on and  
 off the Inkline of the Section Pan in the Copying De-  
 vice". 19) V. P. Al'santsev (Rakhnenkaya Kartograficheskaya  
 Fabrika (Rakhnenkoye Cartographic Plant)). "Variation of the  
 Ratio of the Working State of Outline Maps of the Fifth Class".  
 20) V. P. Tsvetkov (Rakhnenkaya Kartograficheskaya Fabrika  
 (Rakhnenkoye Cartographic Plant)). "Preparation of Collecting  
 Correspondence". 21) V. M. Pechokin (Rakhnenkaya Kartograficheskaya  
 Fabrika (Rakhnenkoye Cartographic Plant)). "Method of the Washed-out  
 Correspondence Positions by the Method of the Washed-out  
 Labels on Windows". 22) V. M. Pechokin (Rakhnenkaya Karto-  
 graficheskaya Fabrika (Rakhnenkoye Cartographic Plant)).  
 "Switching on the Motor of the Copying Frame  
 by Means of the Game Lever for Lifting the Glass and Plating  
 the Lens of the Camera". 23) D. I. Filatova (Rakhnenkoye Karto-  
 graficheskaya Fabrika (Rakhnenkoye Cartographic Plant)). "Procedure  
 for Laying on the Adhesive in Copying". 24) M. N. Slobzin  
 (Rakhnenkaya Kartograficheskaya Fabrika (Rakhnenkoye Cartographic  
 Plant)). "Device for Applying Adhesive on the Surface of Precipi-  
 tating Plates". 25) V. V. Kostomarovsky (Rakhnenkaya Karto-  
 graficheskaya Fabrika (Rakhnenkoye Cartographic Plant)). "Improving  
 the Silver Nitrate in Used Solutions".

Card 4/6

Card 5/6

Card 6/6

SENDEROVA, G.M., otv.red.; SHUROV, S.I., red.; BASHLAVINA, G.N., red.;  
VORONINA, A.N., red.; GUREVICH, I.V., red.; ZASLAVSKIY, I.I.,  
red.; KOZLOV, P.M., red.; LARIN, D.A., red.; RAUSH, V.A., red.;  
SAMOYLOV, I.I., red.; SENDEROVA, G.M., red.; SLADKOVA, Ye.A.,  
red.; STROYEV, K.F., red.; SCHASTNEV, P.N., red.; TUTOCHKINA,  
V.A., red.; ERDELI, V.G., red.

[Geographical atlas for the fourth grade] Geograficheskii atlas  
dlia 4-go klassa. Moskva, Glav.uprav.geodez. i kartografii M-va  
geol. i okhrany nedor SSSR, 1960. 16 p. (MIRA 13:8)  
(Atlases)

MEKLER, M.M., otv.red.; SHUROV, S.I., red.; BASHLAVINA, G.N., red.;  
VORONINA, A.N., red.; GUREVICH, I.V., red.; ZASLAVSKIY, I.I., red.;  
KOZLOV, F.M., red.; LARIN, D.A., red.; LYALIKOV, N.I., red.;  
MAMAYEV, I.I., red.; NIKISHOV, M.I., red.; RAUSH, V.A., red.;  
SAMOYLOV, I.I., red.; SLAIKOVA, Ye.A., red.; STROYEV, K.F., red.;  
SCHASTNEV, P.N., red.; TUTOCHKINA, V.A., red.; ERDELI, V.G., red.;  
BUSHUYEVA, M.P., red.kart; DYUZHESVA, A.M., red.kart; KROTKOV, B.S.,  
red.kart; MESYATSEVA, L.N., red.kart; PEKHOVA, Z.P., red.kart;  
POLYANSKIYA, L.A., red.kart; SAFRONOVA, V.A., red.kart; FEDOTOVA,  
N.I., red.kart; FETISOVA, N.P., red.kart; CHERNYSHEVA, L.N., red.kart;  
BUKHANOVA, N.I., tekhn.red.; KUZNETSOVA, O.L., tekhn.red.; NIKOLAYEVA,  
I.N., tekhn.red.

[Atlas of the U.S.S.R. for the secondary school; course in economic geography] Atlas SSSR dlja srednei shkoly: kurs ekonomicheskoi geografii.  
Moskva, Glav.uprav.geodez. i kartografij M-va geol.i okhrany nedor SSSR,  
1960. 50 p. (Geography, Economic--Maps) (MIRA 13:12)

SAFRONOVA, V.A., otv.red.; SHUROV, S.I., red.; BASHLAVINA, G.N., red.;  
VORONINA, A.N., red.; GUREVICH, I.V., red.; ZASLAVSKIY, I.I., red.;  
KOZLOV, F.M., red.; LARIN, D.A., red.; RAUSH, V.A., red.; SAMOYLOVA,  
I.I., red.; SLADKOVA, Ye.A., red.; STROYEV, K.F., red.; SCHASTNEV,  
P.N., red.; TUTOCHKINA, V.A., red.; ERDELI, V.G., red.; DYUZHEVA,  
A.M., red.kart; POLYANSKAYA, L.A., red.kart

[Geographical atlas of the U.S.S.R. for the seventh grade] Geogra-  
ficheskii atlas SSSR dlja 7-go klassa. Moskva, 1960. 31 col.maps.  
(MIRA 14:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i karto-  
grafii.

(Russia--Maps)

GUREVICH, Isaak Vladimirovich; SAYDALIYEV, R., red.; SALAKHUTTDINOVA, A.,  
tekhn.red.

[Traffic regulations for pedestrians, passengers and cyclists]  
Kuchada iurish koidalari khakida pieda, passazhir va velosipedchilarga.  
Toshkent, Uzbekiston SSR davlat nashrieti, 1960. 56 p.  
(MIRA 14:3)

(Uzbekistan--Traffic regulations)

GUREVICH, I.V.

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(MIRA 154)

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GUREVICH, I.V.

Layout of the technology of the second lissue of the atlas of the  
world. Sbor.st.po kart. no.13:83-94 '61. (MIRA 15:5)  
(Cartography)

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[Traffic regulations and a collection of problems] Pravila  
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GUREVICH, I.V.

Technology of preparing ethnographic maps for publication. Geod.i  
kart. no.8:61-65 Ag '62. (MIRA 15:8)  
(Ethnology--Maps)

GUREVICH, I.V.

Standard geographic outlines on transparent plates. Geod. i  
kart. no.2:64-69 F '64. (MIRA 17:3)

GUREVICH, I.Ya.

Geological role of forests; history of the earth's forests. Biul.  
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(PALEOBOTANY) (FOREST INFLUENCES)

GURSVICH, Iona Yakovlevich, kandidat sel'skokhozyaystvennykh nauk;  
DMITROCHENKO, A.P., professor, doktor sel'skokhozyaystvennykh  
nauk, redaktor; BOLOGOV, G.N., redaktor; CHUNAYEVA, Z.V.,  
tekhnicheskiy redaktor

[Feeding of farm animals] Kormlenie sel'skokhoziaistvennykh  
zhivotnykh. Pod red. A.P.Dmitrochenko. Moskva, Gos.izd-vo  
sel'khoz.lit-ry, 1957. 285 p. (MLRA 10:9)  
(Feeding and feeding stuffs)

USSR/Farm Animals. Small Horned Cattle

Q-3

Abstr Jour : Ref Zhur - Biol., No 11, 1958, No 49988

Author : Dr. Litrochenko, A.P., Gurovich, I.Ye.

Inst : Leningrad Farm Institute.

Title : The Utilization of Certain Blood, Urine, and Milk Indicators  
in Controlling the Feeding of Milch Cows.

Orig Pub : Sb. robot Leningr. vet. in-ta, 1957, vyp. 15, 141-145

Abstract : In several experimental feedings of cows with various types  
of concentrates, the obtained blood, urine, and milk indicators  
were taken into account, and subsequently compared with in-  
dicators obtained from control group animals. When sub-  
concentrate and semi-concentrate diet types were used, a  
number of blood and urine indicators remained within normal  
limits. In concentrate type diets and when poor quality  
foods were used, blood and urine indicators deviated from  
the norm. Poor foods caused a decrease of the carotene con-  
tent in the blood, as well as of the vitamins A and C con-  
tents in the milk.

Card : 1/1

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000617420002-9

GUREVICH, I. Ya.

Dissertation: "Extraction of Medicinal Preparations (Galenicals) From Tansy Flowers and Their Pharmacological Study." Cand Pharm Sci, Tartu State Univ. Tartu, 1953.  
(Referativnyy Zhurnal--Khimiya, Moscow, No 6, Mar 54)

SO: SUM 243, 19 Oct 54

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000617420002-9"

Gurevich, I. Ya.

PERL'MAN, Ya.M., GUREVICH, I.Ya.

Potentiometric studies of uracils. Report No.1: Quantitative determination of pentoxyl (5-oxymethyl-4-methyluracil). Apt.delo 7 no.3:11-16 My-Je '58 (MIRA 11:7)

1. Iz kafedry farmatsevticheskoy khimii (zav. - prof. A.M. Khaletskiy) Leningradskogo khimiko-farmatsevticheskogo instituta (dir. - dotsent V.N. Ivanov).  
(URACIL)

ZIL'BER, D.A., prof.; GUREVICH, I.Ya., kand.med.nauk

Standards of artificial illumination for drugstores and drug warehouses. Apt.delo 8 no.5:8-12 S-0 '59. (MIRA 13:1)

1. Iz Leningradskogo khimiko-farmatsevticheskogo instituta.  
(LIGHTING) (DRUGSTORES)

ROZENTSVEYG, P.E.; GUREVICH, I.Ya.

Silicons and their use in pharmacy. Apt. delo 9 no. 5:64-70 S-0  
'60. (MIRA 13:10)

1. Leningradskiy khimiko-farmatsevticheskiy institut.  
(SILICON—THERAPEUTIC USE)

GOLYVIN, I. Yu.; KOMAROV, V. N.

Use of silicon organic compounds in pharmaceutical practice.  
Apt. deko li no.4:27-26. Leningrad.

(Nauk. Tr. 1  
L. leningradskiy khimiko-farmaceuticheskiy institut.)